



# NITFS Compliance Registration



**Product:** VITecPC, Version 4.1.1, Build May 2, 2003  
With NTM module U2.4 and RULER, Version 12.0

**Sponsor:** BAE Systems

**Developer:** BAE Systems

**Date:** 11 January  
**Expiration:** 2006  
**Registration #:** 10 January  
2007  
2042

- ☐ Initial Registration  
☒ Supplemental/Update # 2019  
☐ Derived from Reg. #

**System**  
N-0105/98, §4.1.1

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- PENTIUM

Operating Systems: MS Windows NT w/ SP 6A and XP  
with RULER version 12.0 and NTM Module U2.4  
software plug-ins for National Technical Means capability

## NITFS Features Implemented:

### Format

- NITF**  
☒ v2.1  
☒ v2.0  
☒ v1.1  
**NSIF**  
☒ v1.0

### Pixel Value Types

- ☒ Boolean  
☒ Integer  
☒ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☒ CGM, 2301  
☒ CGM, 2301A  
☒ Labels \*\*

### Text Segments

- ☒ STA  
☐ UT1  
☐ U8S  
☐ MTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☐ RGB/LUT  
☒ YCbCr  
☐ MULTI  
☐ NODISPLAY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☒ JPEG Lossy, 8-bit  
☒ JPEG Lossy, 12-bit  
☒ JPEG Downsample  
☒ JPEG Lossless  
☐ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization  
☐ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☒ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ - PIAE  
☒ - NSDE  
☒ - ICHIPB  
☐ - IOMAPA  
☒ - NBLOCA  
☐ - RPC00B  
☐ - USE00A  
☐ - STDIDC  
☒ Fully implemented  
☐ Partially implemented  
☐ Not implemented

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

Executive Agent to the National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program